

CLAIMS

I claim:

1. A system for retrieving user-defined information from a web site, comprising:

- 5 a computer-based clipping client configured to create an instruction set identifying information to be retrieved from a web site;
- said instruction set comprising,
- a uniform resource locator address for said web site; and
- a content descriptor of said web site, said content descriptor identifying
- 10 the location of said information to be retrieved for said user;
- a recognition grammar assigned to said instruction set by said user;
- a database configured for storing on magnetic media said instruction set and said recognition grammar;
- a CPU-based media server, including at least a speech recognition engine, a
- 15 speech synthesis engine, an interactive voice response application, a call processing system, and telephony hardware, and configured to retrieve said instruction set from said database in response to a speech command from said user, said speech command being described in said recognition grammar;
- a CPU-based web browsing server connected with said media server and
- 20 including at least a content extraction agent, a content fetcher, and a content descriptor file, said web browsing server configured to access said web site and to retrieve said information identified by said instruction set; and
- said media server configured to transmit an audio message to said user comprising said information retrieved from said web site.

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2. A method for retrieving user-defined information from a web site, comprising the steps of:

- providing a clipping client for creating an instruction set identifying information to be retrieved from a web site;
- 30 said instruction set comprising,
- a uniform resource locator address for said web site; and
- a content descriptor of said web site, said content descriptor identifying the location of said information to be retrieved for said user;

assigning a recognition grammar to said instruction set;
storing said instruction set and said recognition grammar on magnetic media in a
database;

retrieving said instruction set from said database in response to a speech
5 command from said user described in said recognition grammar;

accessing said web site and retrieving said information identified by said
instruction set;

generating an audio response comprised of said information retrieved from said
web site; and

10 transmitting to said user said audio response

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